

RELEASE

RELEASE	$\left\{ \begin{array}{c} \text{STACK} \\ \text{SETS } [set-name...] \\ \text{VARIABLES} \end{array} \right\}$
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Operand	Possible Structure				Possible Formats												Referencing Permitted	Dynamic Definition
Set-name	C	S				A											no	no

Related Statements: STACK | FIND with RETAIN option | DEFINE DATA GLOBAL

Function

The RELEASE statement is used to:

- delete the entire contents of the Natural stack;
- release sets of ISNs retained via a FIND statement that contained a RETAIN clause (applicable to Adabas databases only);
- reset global and application-independent variables.

RELEASE STACK

RELEASE STACK causes all data/commands currently in the Natural stack to be deleted.

RELEASE SET

RELEASE SET is applicable to Adabas databases only.

RELEASE SET *set-name* causes a specific single ISN set to be released.

RELEASE SET 'CITY-SET'
MOVE 'CITY-SET' TO #SET(A32)
RELEASE SET #SET

If only RELEASE SETS, without a *set-name*, is specified, all ISN sets retained with a FIND statement with a RETAIN clause will be released.

RELEASE VARIABLES

RELEASE VARIABLES causes all variables defined in the current global data area to be reset to their initial values. Also, it eliminates all AIVs (application-independent variables), thus making them no longer available.

The variables are reset/eliminated either when the execution of the level 1 program is finished, or when the program invokes another program via a FETCH or RUN statement.

Example

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* EXAMPLE 'RELEX1': FIND (RETAIN CLAUSE) AND RELEASE
*****
DEFINE DATA LOCAL
  1 EMPLOY-VIEW VIEW OF EMPLOYEES
    2 CITY
    2 BIRTH
    2 NAME
  1 #BIRTH (D)
END-DEFINE
*
MOVE EDITED '19400101' TO #BIRTH (EM=YYYYMMDD)
*
FIND NUMBER EMPLOY-VIEW WITH BIRTH GT #BIRTH
      RETAIN AS 'AGESET1'

IF *NUMBER = 0
  STOP
END-IF
*
FIND EMPLOY-VIEW WITH 'AGESET1' AND CITY = 'NEW YORK'
  DISPLAY NOTITLE NAME CITY BIRTH (EM=YYYY-MM-DD)
END-FIND
*
RELEASE SET 'AGESET1'
END

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NAME	CITY	DATE OF BIRTH

RUBIN	NEW YORK	1945-10-27
WALLACE	NEW YORK	1945-08-04